

Developing a Planning Application

- Developing a Scope of Work
- Developing a Strong Project Budget
- Supporting Documentation – Hazard History
- Timeline
- Identify Steering Committee
- Identification of Performance Measures
- Leveraging Partnerships
- Outreach Activities



Developing Scope of Work

- Objectives
- Methodology
- Feasibility
- Outcomes
- Timeline
- Milestones
- Resources
- Deliverables
- Benefits of and reasons for proposed planning activity
(5 year revision, recent disaster event, previous data deficiencies)



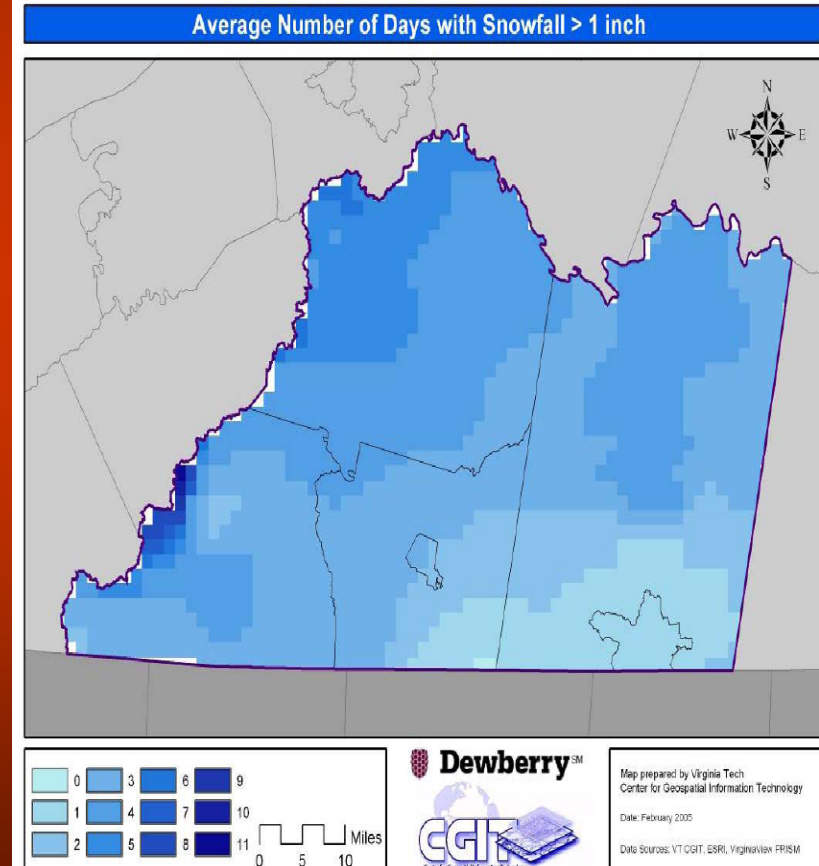
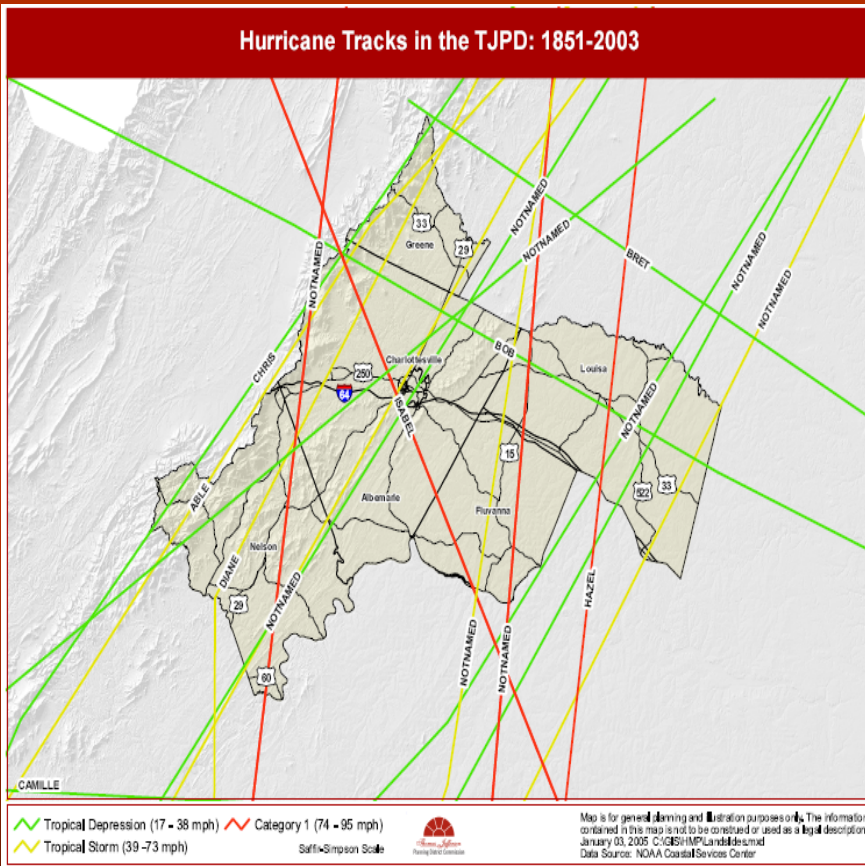
Scope of Work Should Include Risk Assessment Activities

- Use HAZUS and GIS
- Hazard Mapping (exception of flood mapping that duplicates the NFIP)
- Limited mapping activities must be completed as part of a risk assessment and must lead to a new or appropriately amended mitigation strategy that addresses actions derived from the new information.



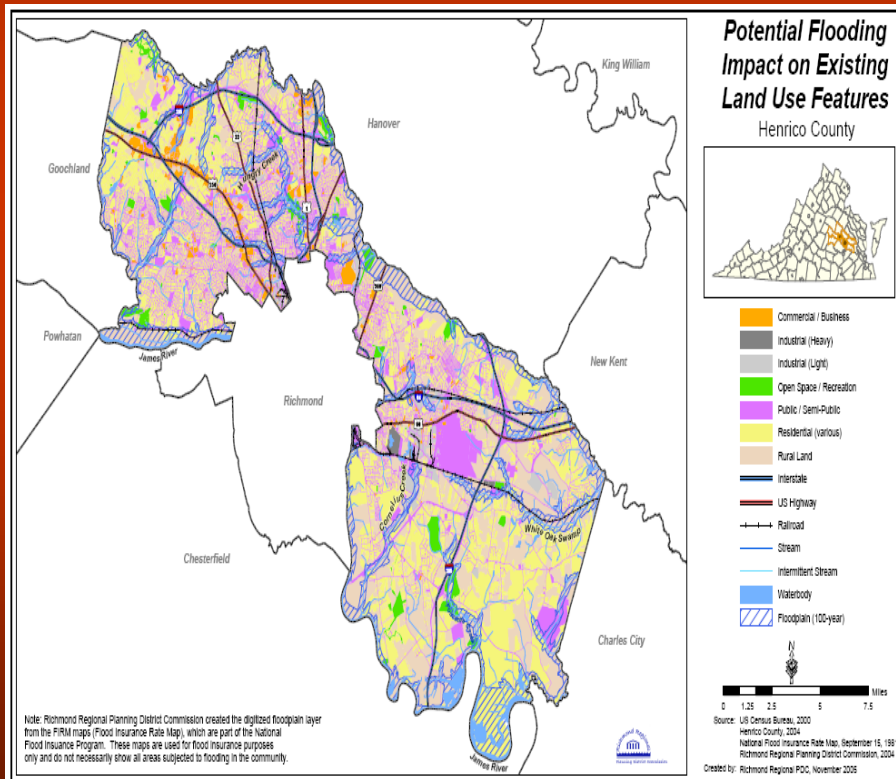
Examples of Mapping

Data Collection



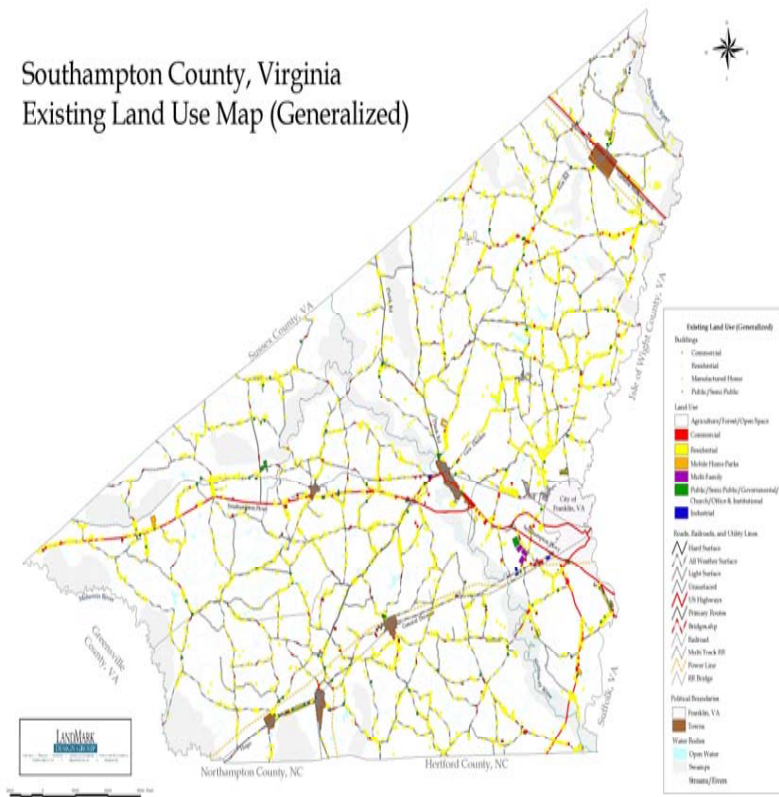
Examples of Mapping

Land Use Trends



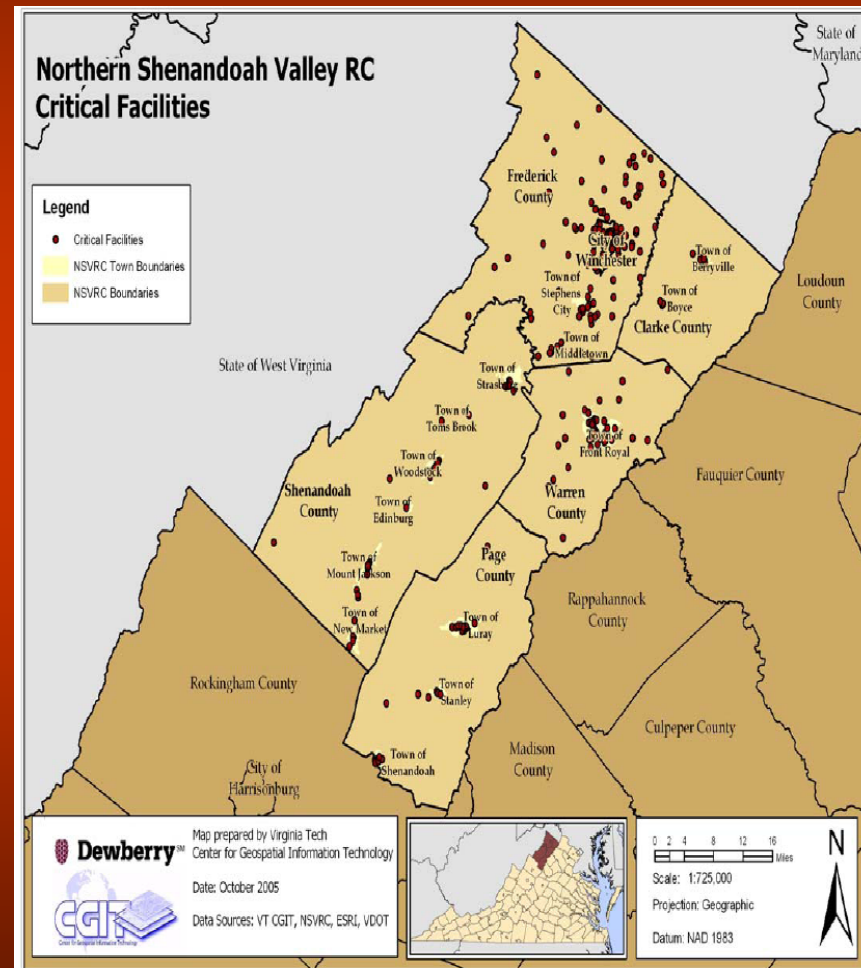
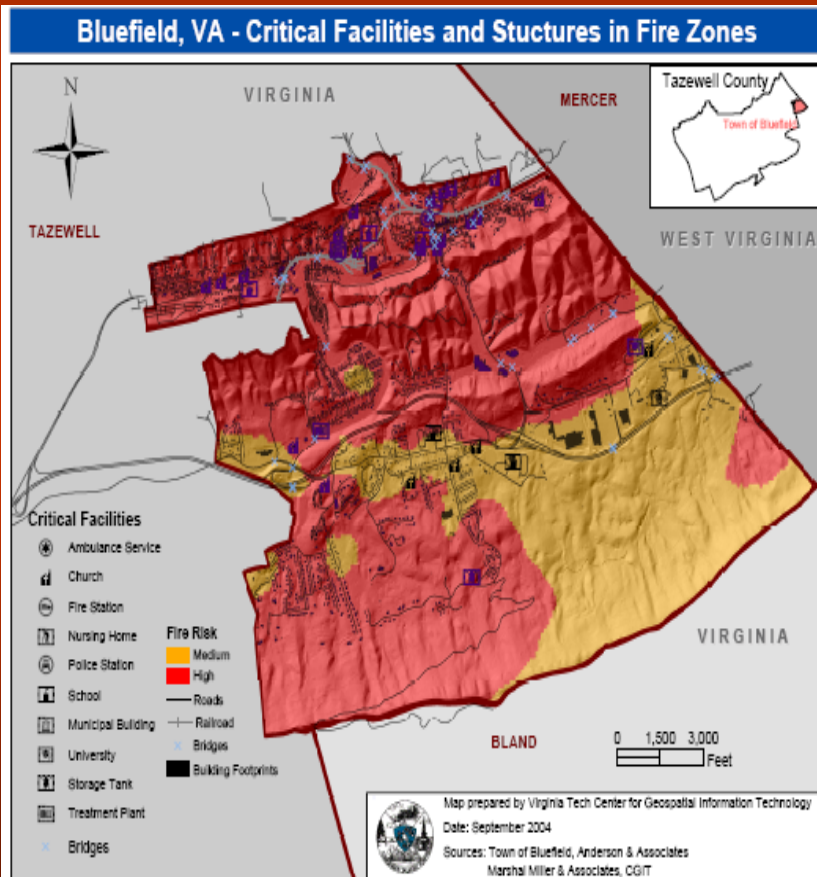
V-10 - Henrico County Floodplain and Existing Land Use

Southampton County, Virginia
Existing Land Use Map (Generalized)



Examples of Mapping

Critical Facilities



Examples of Mapping

Repetitive Loss Properties

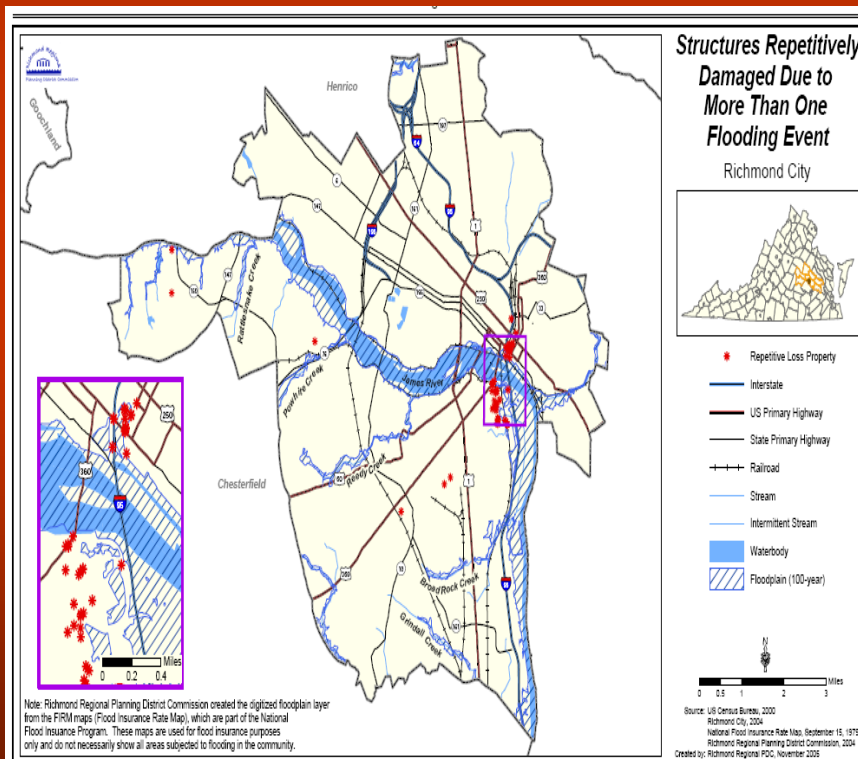


Figure V-28 - City of Richmond Repetitive Loss Properties

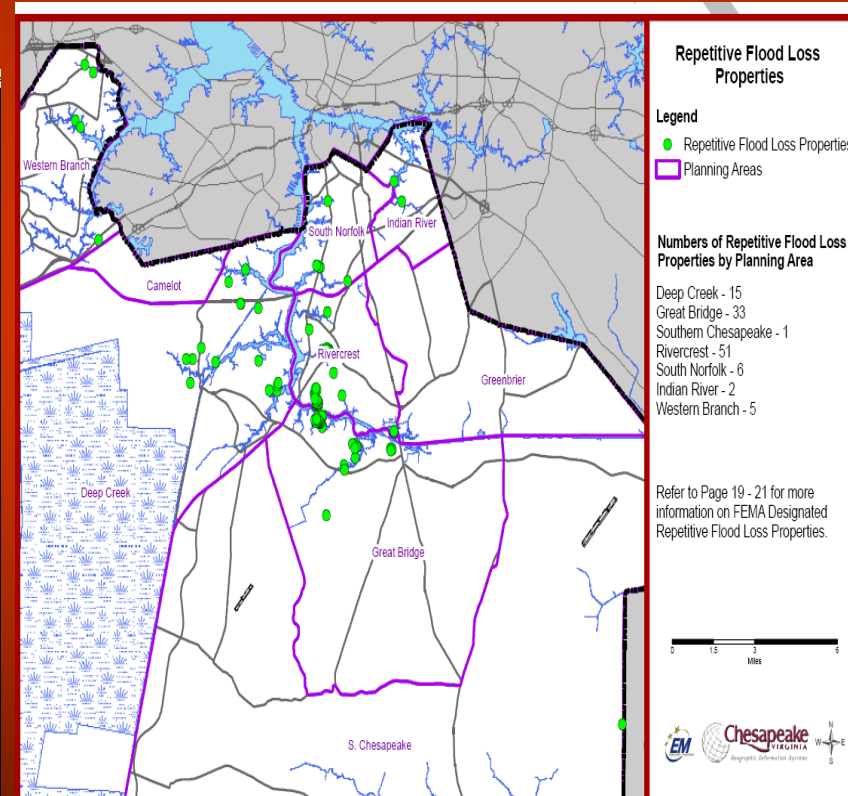
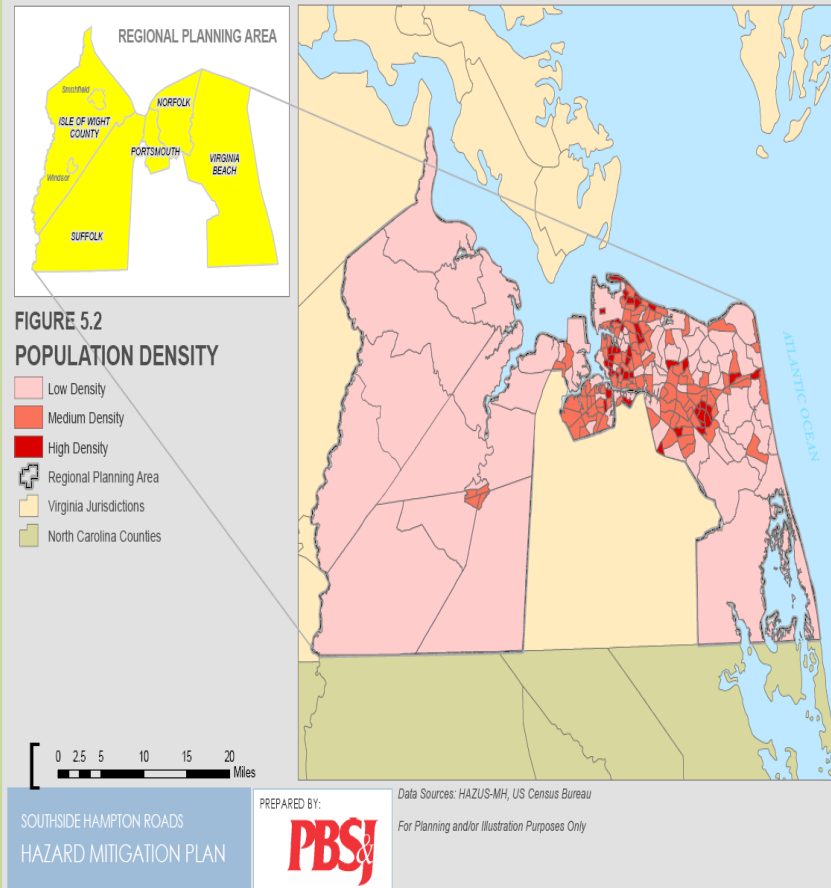
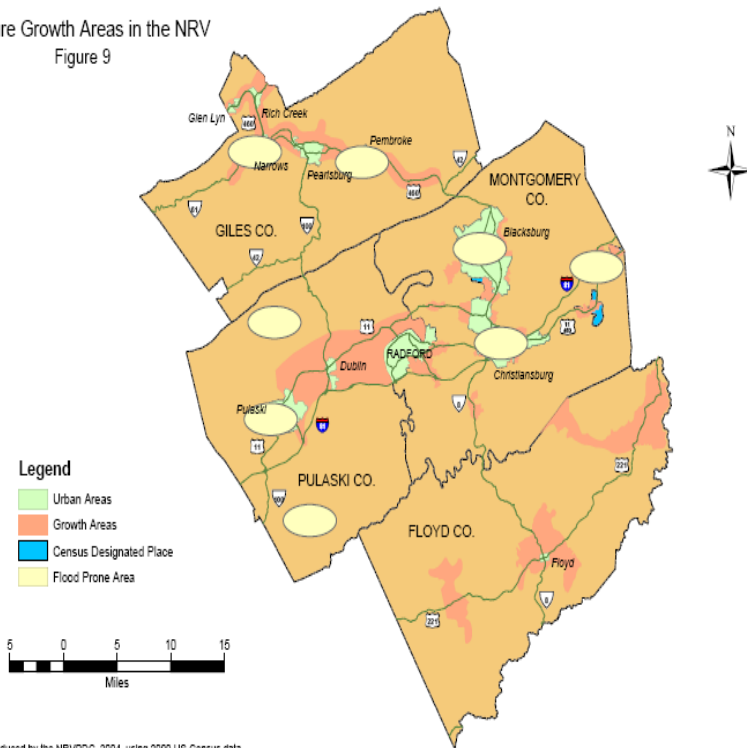


Figure 6.25 - Repetitive Flood Loss Properties

Examples of Mapping

Demographics

Future Growth Areas in the NRV
Figure 9



Examples of Mapping

Estimated Losses (Vulnerability Analysis)

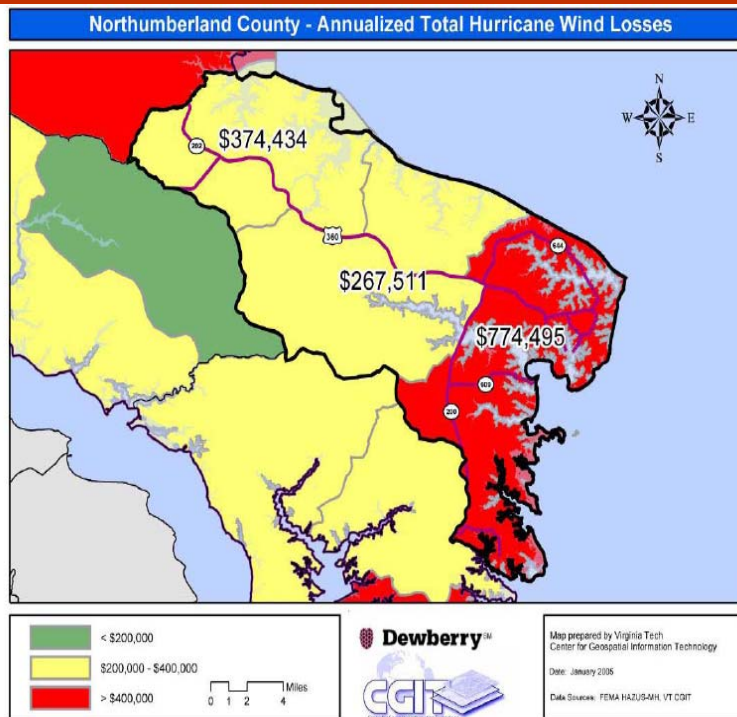
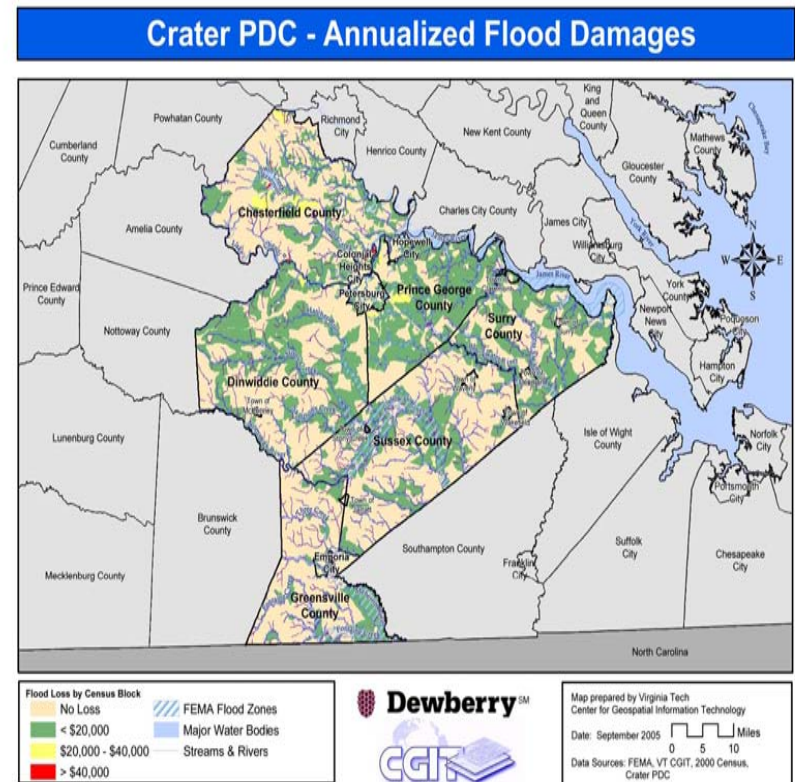
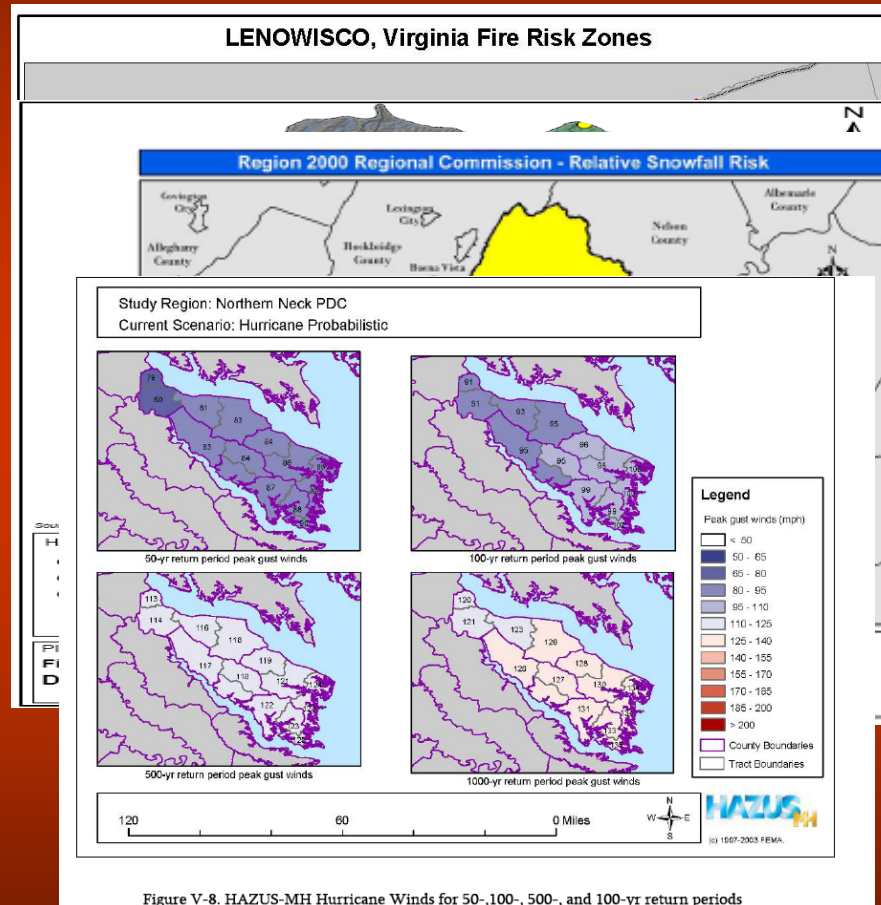


Figure V-10. Northumberland County Annualized Total Hurricane Loss Estimate (3 Tracts)



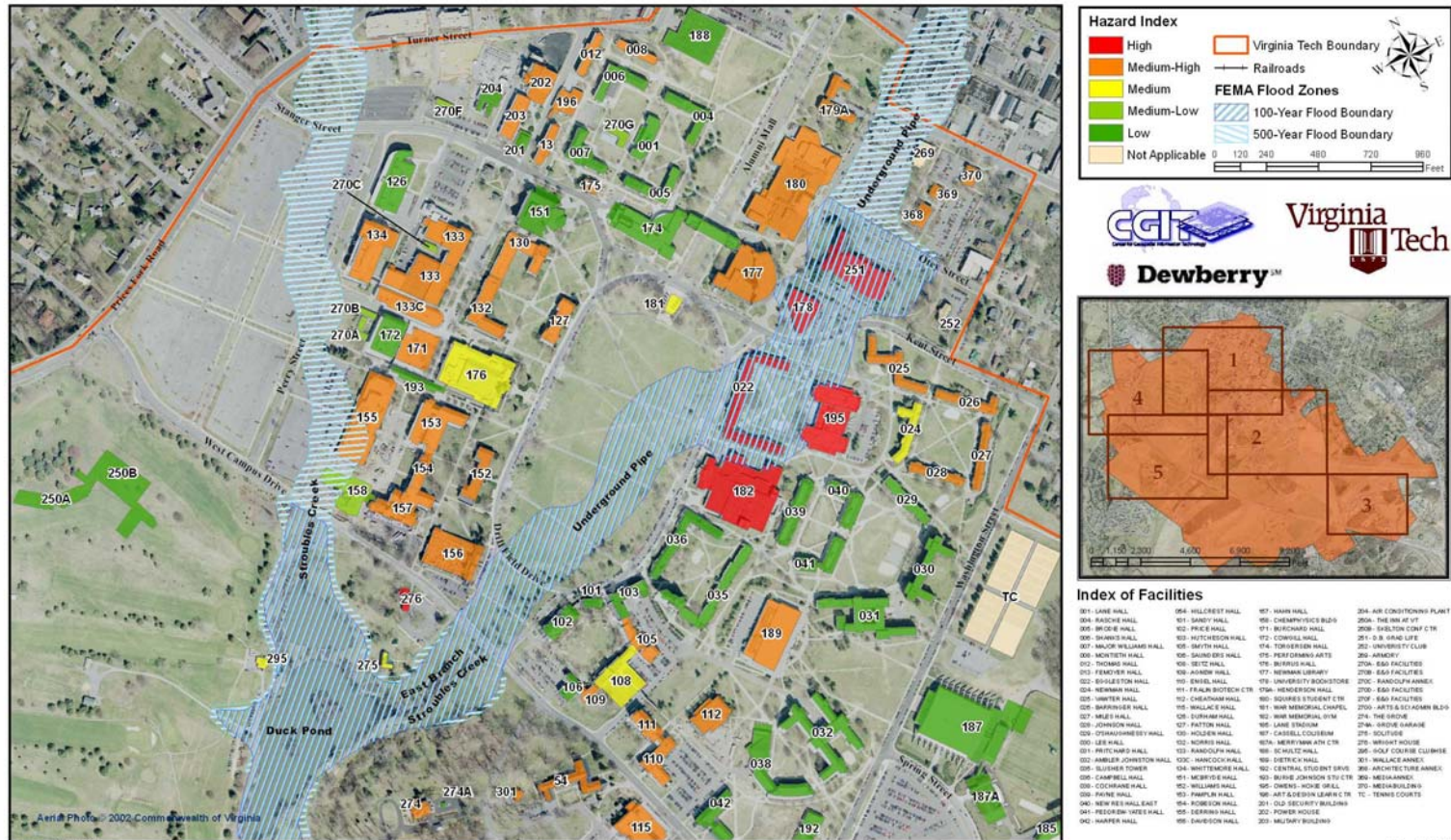
Hazard Risk Mapping Examples



DRU Hazard Mapping



Figure IV- 8. Virginia Tech Flood Hazard Index 1



Section IV. HIRA

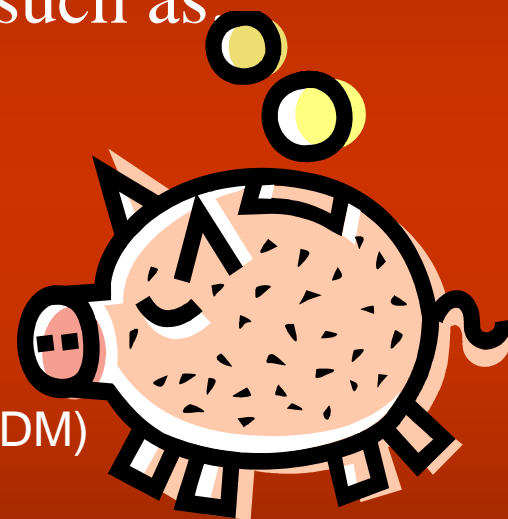
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Developing a Strong Planning Budget

Sufficient detail must be provided regarding various cost item categories such as:

- Labor – Rates for Staffing (include benefits)
- Materials and Supplies
- Subcontract Costs
- Mapping Activities or Risk Assessment
- Information Dissemination Activities (max 10% for PDM)
- Pre-Award Costs
- Project Management Costs (max 5% total funds)
- Anticipated Cash and In-Kind Non-Federal Match (for FMA, not more than half of the non-Federal cost share can be in-kind, 12.5%)



Supporting Documentation

History of
previous
occurrences
whether a local
emergency or a
presidential
declared disaster.



Timeline

- Planning grants cannot exceed 3 years
- Timeline should be planned out to include:

Planning Process

- **Steering Committee Meetings**
- **Hazard Identification and Risk Assessment**
- **Mitigation Goals and Strategies**
- **Process for Plan Implementation**
- **VDEM and FEMA Review**
- **Plan Adoption**
- **FEMA Final Approval**



Identify a Steering Committee

- Public Works
- Emergency Management
- Building Inspector
- Planning and Zoning
- Elected Officials
- GIS/IT Specialist
- NFIP Local Administrator
- Finance and Budget
- Economic Development
- Citizen Corps
- Police and Fire Dept.
- City/County Attorney
- Sanitation Department
- Community Members



• Transportation
8-21-2008

Identify Resources: Who Will...

- Be the planning grant manager?
- Gather hazard information?
- Develop hazard maps?
- Write/revise the plan?
- Process/submit financial reimbursement requests?
- Submit Quarterly Reports?
- Conduct public outreach?



Performance Measures

- How will success be assured?
- How will timeline be maintained?
- Ensure cost of project is not being exceeded.
- Notify VDEM of any necessary scope of work changes ASAP.



Leveraging Partnerships



Outreach Activities



PUBLIC MEETING Cumberland Plateau Regional Hazard Mitigation Plan

A public meeting on the Cumberland Plateau Regional Hazard Mitigation Plan will be held on Wednesday, June 29, 2005, at 6:30 PM at Southwest Virginia Community College in Richlands, Room T-119 in Tazewell Hall. An overview of the planning process and assessment will be presented at the meeting. In addition, a copy of the draft assessment will be available after the workshop for public review. An electronic copy is now available Plateau Planning District Commission (http://projects.C_Planning_District_Commission) available for Planning District office at 224 Lebanon, Virginia

Figure 2.2: Public Meeting Advertisement

Sometimes
DISASTER STRIKES!
Hurricanes...
Floods...
Tornadoes...
Wildfires...

What Concerns You?

Do you have ideas for helping our community become better prepared for possible disasters?

You're invited to bring your local knowledge and thoughts to an open Public Meeting on the development of All-Hazards Mitigation Plans for the City of Franklin and Southampton County. These plans are currently being prepared for our community and your input is important to us! Also, following the public meeting, there will be an interactive Small Business Workshop designed specifically for our local business owners to share their concerns and learn more about disaster preparedness.



Thursday, August 25, 2005

Open Public Meeting @ 6:00 to 7:00 PM
Small Business Workshop @ 7:00 to 8:00 PM
Regional Workforce Development Center
100 North College Drive, Franklin



For more information please contact:

Vince Holt, Franklin Emergency Services Director - (757) 562-8581
Michael Johnson, Southampton County Administrator - (757) 653-3015

4380 Valley Center Dr., Box 21
Radford, VA 24141
David W. Bundgen
Executive Director

**New River Valley
NEWS & VIEWS**

New River Valley Planning District Commission
County of Floyd, Giles, Montgomery, Pulaski, and the City of Radford
Towns of Blacksburg, Christiansburg, Floyd, Harrison, New River, Pulaski, and Elk Creek
Radford, Shenandoah and Giles Counties

February - March 2004

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Fax: (540) 831-6093
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www.nrvpdc.org

Jon Reynolds
Newsletter Editor

**"New River Valley
Hazard Mitigation"
in the Spotlight**

As the first region in Virginia to tackle a regional natural hazard mitigation plan, the New River Valley is leading the way to be sure that local governments will be eligible to apply for Federal Emergency Management Agency (FEMA) mitigation grants in the future. These grants can be used to help residents in flood hazard areas permanently relocate to safer areas, to help localities establish reverse 911 systems, or to take other steps to permanently eliminate or reduce damages from natural hazards.

For example, in the past, the Town of Pulaski received FEMA and Virginia Department of Emergency Management (VDEM) funding assistance to buy-out several homes along Dora Highway. Residents there had dealt with repetitive flood losses and wanted to move. The Town, in turn, agreed any residential structures on

1. 2004, though, local not eligible for such assistance had a hazard mitigation plan by FEMA and VDEM. PDC undertook the planning

secured by the PDC to assist in this task. NRV-PDC planning work must be completed by May 2004 to meet the contract date with FEMA.

In early March, the plan will go back to VDEM and the Federal Emergency Management Agency for "pre-approval." This review process is likely to take 45-60 days. When the plan comes back to the PDC, one or more public hearings will be scheduled before local governments consider adopting the plan. Smaller towns (all other NRV towns except Blacksburg, Christiansburg and Pulaski) may choose to write letters acknowledging the County's plan as their own. Ideally, the public hearing(s) will occur no later than May and adoptions could be considered immediately thereafter.

This has been a new and successful learning process that has brought together experts and professionals from local government, state and federal agencies and local universities from the land use field, natural hazards, and emergency management. Once the plan is adopted, many local governments have expressed interest in incorporating the information into their comprehensive plans during future revisions. Moreover, an approved and adopted Hazard Mitigation Plan will insure that NRV local governments and residents have access to federal funds which can make their lives safer. For further information, contact Lyndee Martin at (540) 639-9513, ext. 200 at lyndee@nrvpdc.org.

THE REGIONAL HAZARD MITIGATION PLAN:

Making the
Northern Shenandoah
Valley a Safer Place

Clarke County
Frederick County
Page County
Shenandoah County
Warren County
City of Winchester



Application Must Also Include...

Statements of intent to participate in the process and adopt the plan is required from each participating jurisdiction.

Multi-jurisdictional Planning Table: SAMPLE

Area covered by Plan (such as County B, Region C, Watershed Area D, Barrier Island E, Town and Village of F):				
Multi-jurisdictional Approach (such as direct representation, proxy, indirect representation, variant):				
Formal resolutions?				
Participating jurisdictions	Point of Contact for Jurisdiction		Comments (NFIP/CRS participation, Other)	Intent to Participate Yes/No?
	Name and Contact Info	Title and Organization		
County B			NFIP participation N/A	
Town F			NFIP participating, CRS Class 10	
Village F			NFIP participating.	
City G			NFIP participating, CRS Class 10	
Town H				
Village I				
University J			NFIP participation N/A	
Sewer District K			NFIP participation N/A	
Village L			Developing single-jurisdictional plan on own	
Town M			Choose not to develop a plan at this time.	

Application must also include...

The plan
maintenance
section from
the existing
plan.



VI. PLAN MAINTENANCE

According to the Disaster Mitigation Act of 2000 local plans are required to include a method and schedule of monitoring, evaluating, and updating the hazard mitigation plans within a five-year cycle as well as a description of continued public involvement in the hazard mitigation planning process.

The Central Shenandoah Valley Region will use its Citizen Corps Council as the body responsible for the review, monitoring and update of its All Hazards Plan provided sufficient funding is available. This group meets on a quarterly basis (3rd Tuesday of each quarter) and includes representatives from numerous agencies, local government and nonprofit organizations throughout our region. In the event that the Citizen Corps Council shall dissolve then each local jurisdiction will be responsible for the maintenance and update of the Plan.

The mission of our Citizen Corps Council is to empower individuals through education, training, and volunteer service to make communities safer, stronger, and better prepared for natural and man-made disasters. Our local Citizen Corp Council also promotes and strengthens programs at the community level, such as Community Emergency Response Team (CERT) programs; develops targeted outreach for special needs groups; organizes special projects and community events; and encourages cooperation and collaboration among community leaders. Our Citizen Corps Council is staffed by the Central Shenandoah Planning District Commission with funding provided through the Department of Homeland Security and local jurisdictions.

Through our Citizen Corps Council, the All Hazards Plan will be reviewed on an annual basis and updated when and where needed. Each local jurisdiction will be asked to review the Plan and submit a report that outlines any revisions, projects, or activities that impact the Plan. These annual reports will be reviewed by the Citizen Corps Council and revisions will be made to the Plan. In addition any local, state, or federal regulations that change or impact the Plan will be incorporated into the Plan. Local governments will be apprised of any substantial changes to the Plan.

In addition to an annual review by the Citizen Corps Council, local governments will be asked to include the All Hazards Plan in their Emergency Operations Plan (EOP). The Virginia Emergency Management and Disaster Law of 2000 require that the State, and each county and city within the State develop and maintain a current Emergency Operation Plan which addresses their planned response to extraordinary emergency situations. As part of the basic EOP, an appendix that addresses hazard mitigation activities is required. We will request that each of our cities and counties include the Central Shenandoah All Hazards Mitigation Plan as part of their EOP's Hazard Mitigation Annex and request local government review of the All Hazard Plan as part of their annual EOP review. In addition, a request will be made to each local jurisdiction to include the All Hazards Plan in other planning documents such as comprehensive plans and capital improvement plans.



Questions?